

AMENDMENTS TO THE CLAIMS:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (original) A sensing wheel (5) for a device (3) for measuring the rotational angle of a crankshaft (2) of an internal combustion engine (1), having a plurality of peripherally arranged teeth (7), which each have a front edge (9) and a rear edge (10), which define the width of the respective tooth (7), and having tooth gaps (8) situated between the teeth (7), the respective front edges (9) or rear edges (10) of the teeth (7) being spaced at basically the same angular interval from one another, and a limited number of different tooth widths being provided over the entire periphery, **characterized in that** the sequence of the tooth widths of at least three successive teeth (7) within a rotational angle of up to 18° over the entire periphery is unambiguous.

2. (original) The sensing wheel as claimed in claim 1, **characterized in that** the four different tooth widths are provided over the entire periphery.

3. (currently amended) The sensing wheel as claimed in claim 1 [[or 2]], **characterized in that** the width of each tooth (7) together with the succeeding or preceding tooth gap (8) is approximately 6°.